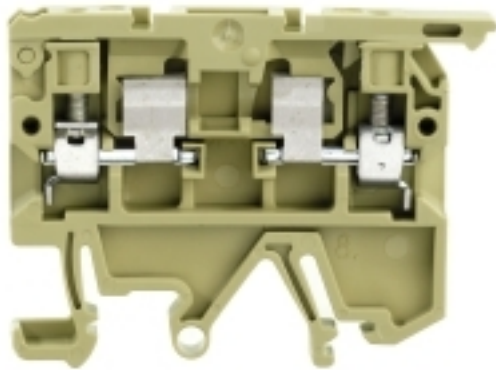


SAK Series
ASK 1/EN LD 120K 230VDC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	ASK 1/EN LD 120K 230VDC
Order No.	0225660000
Version	SAK Series, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection
GTIN (EAN)	4008190086480
Qty.	25 pc(s).

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Technical data
Dimensions and weights

Width	8.1 mm	Width (inches)	0.319 inch
Height	58 mm	Height (inches)	2.283 inch
Depth	51.5 mm	Depth (inches)	2.028 inch
Net weight	14.48 g		

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C
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Material data

Material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

System specifications

Version	Screw connection, Fuse cartridge, with LED, One end without connector	Tightening torque (clamping screw for copper conductors)	0.6...0.8 Nm
End cover plate required	Yes	Number of potentials	1
Number of levels	1	No. of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Mounting rail	TS 35, TS 32
N-function	No	PE function	No
PEN function	No		

Additional technical data

Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, rated connection, max.	4 mm ²
Clamping range, rated connection, min.	0.13 mm ²	Clamping screw	M 3
Connection direction		Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²
	on side	Number of connections	2
Gauge to IEC 60947-1	A3	Tightening torque, max.	0.8 Nm
Stripping length	9 mm	Torque level with DMS electric screwdriver	2
Tightening torque, min.	0.6 Nm	Twin wire-end ferrules, min.	0.5 mm ²
Twin wire-end ferrules, max.	1.5 mm ²	Wire connection cross section AWG, max.	AWG 12
Type of connection	Screw connection	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, solid core, min. rated connection	0.5 mm ²
Wire connection cross section, solid core max. rated connection	4 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	4 mm ²		

Display element

Operating voltage for display, max.	230 V	Type of voltage for indicator	DC
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Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	LED
Fuse holder (cartridge holder)	Pivoting	Operating voltage, max.	230 V
Type of voltage for indicator	DC		

Rating data

Rated cross-section	4 mm ²	Rated voltage	230 V
Rated current	6.3 A	Current at maximum wires	6.3 A
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	6 kV
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	22 AWG		

Data sheet

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Technical data

Classifications

ETIM 3.0	EC000899	ETIM 4.0	EC000899
ETIM 5.0	EC000899	ETIM 6.0	EC000899
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-16
eClass 6.2	27-14-11-16	eClass 7.1	27-14-11-16
eClass 8.1	27-14-11-16	eClass 9.0	27-14-11-16
eClass 9.1	27-14-11-16		

Product information

Descriptive text technical data Note: max. conductor connection = 2.5 mm² when using the cross-connector. Twin wire-end ferrules ZH 0.5 to ZH 1.5 can be used.

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity [DE_PT1363_20160418_028_ISSUE01.pdf](#)
 Engineering Data [EPLAN, WSCAD](#)

Safety note

Safety notice [Safety Information](#)